

## ABSTRACT OF THE DISCLOSURE

The invention relates to an electromagnetic machine with a deformable membrane (1) comprising at least one fixed part which can direct a magnetic flow interacting with at least one moveable part (12) comprising regions which are magnetically polarized in order to ensure that alternative displacement of the moveable part (12) corresponds to an alternative variation of the magnetic flow in the fixed part, said moveable part (12) being kinetically linked to an edge (5) of the membrane (1) such that an undulation of the membrane (1) corresponds to an alternative displacement of the moveable part (12), wherein the fixed part and moveable part (12) are arranged in such a way that the moveable part (12) can be displaced in a rotating manner.